UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 4
ATLANTA FEDERAL CENTER
61 FORSYTH STREET
ATLANTA, GEORGIA 30303-8960

MAY 28 2019

CERTIFIED MAIL 7017 1450 0000 7973 2779
RETURNED RECEIPT REQUESTED

Mr. Gus Segura
Operations Manager
Concrete Supply Company
P.O. Box 5247
Charlotte, North Carolina 28299

Re: Compliance Evaluation Inspections
Concrete Supply Company, Lincolnton, NC
NPDES Permit No. NCG140046

Dear Mr. Segura:

On March 19, 2019, the U.S. Environmental Protection Agency Region 4 and North Carolina Department of Environmental Quality (NCDEQ) conducted a Compliance Evaluation Inspection (CEI) at the Concrete Supply Company facility located at 831 South Madison Street in Lincolnton, NC. The purpose of the CEI was to evaluate Concrete Supply Company facility's compliance with the requirements of Sections 301 and 402(p) of the Clean Water Act (CWA), 33 U.S.C. §§ 1311 and 1342(p); the regulations promulgated thereunder at 40 C.F.R. § 122.26; and, the State of North Carolina's NPDES General Permit NCG140046.

The EPA appreciates your cooperation in conducting this CEI. Enclosed is the EPA's CEI report, which includes EPA's observations made during the CEI and to evaluate the facility's compliance with the CWA. As a result, the EPA may be in further contact with Concrete Supply Company in the future.

While a response from you is not required at this time, if you do wish to respond to the CEI report, provide additional information, or otherwise discuss the report, please contact Mr. Ahmad Dromgoole at the above address, by email at Dromgoole.Ahmad@epa.gov, or at (404) 562-9212.

Sincerely,

Daniel J. O'Lone, Chief
Surface Water and Ground Water Section
Water Enforcement Branch

Enclosures

cc: Ms. Annette Lucas
NCDEQ

U.S. Environmental Protection Agency, Region 4
61 Forsyth Street SW, Atlanta, GA 30303

Water Compliance Inspection Report

FACILITY DATA

NPDES ID: NCG140046	Effective Date: 04/01/2017	Expiration Date: 06/30/2022
Facility Name: Concrete Supply Company		SIC Code: 3273
Address: 831 Madison St, Lincolnton, NC 28092		

On-Site Representative(s), Title, Phone Number:	Responsible Official, Title, Phone Number, Mailing Address:
Gus Segura Operations Manager 3823 Raleigh St 28206 P.O. Box 5247 Charlotte, NC 28299	Gus Segura Operations Manager 3823 Raleigh St 28206 P.O. Box 5247 Charlotte, NC 28299

INSPECTION ENTRY DATES/TIMES

Entry Date/Time: 03/19/19, 8:30 am	Exit Date/Time: 03/19/19, 12:45 pm

NAMES OF EPA AND STATE INSPECTORS

EPA Inspectors: Ahmad Dromgoole, Kenneth Kwan
NCDENR Inspectors: Tamera Eplin, Tom Poe, Thad Valentine, Lauren Garcia, Alaina Morman

AREAS EVALUATED DURING INSPECTION *(Check those areas evaluated)*

X	Permit		Self-Compliance Program		Pretreatment
X	Records		Compliance Schedule		Pollution Prevention
X	Facility Site Review		Laboratory	X	Storm Water
X	Effluent / Receiving Waters	X	Operations & Maintenance		Combined Sewer Overflow
	Flow Measurement		Sludge Handling/ Disposal		Sanitary Sewer Overflow

INSPECTION NOTES

The inspection team, consisting of EPA inspectors and state inspectors from various regional offices, arrived at the facility on March 19, 2019 to perform an unannounced Compliance Evaluation Inspection (CEI). This CEI was performed as both a joint inspection with the state and a training opportunity for state inspectors. Upon arrival at the facility, EPA inspectors presented credentials and facilitated an opening conference. The CEI included both a records review portion and a facility walk through. Upon completion, an exit conference was held with facility personnel in which they were informed of EPA's preliminary findings and told that an actual inspection report will be sent to the facility by EPA.

EPA REPRESENTATIVES

Inspector Signature/Name	Office/Phone Number	Date
Ahmad Dromgoole, Environmental Engineer	USEPA Region 4/WPD-CWEB-SRES 404-562-9212	05/23/19
Kenneth Kwan, Environmental Engineer	USEPA Region 4/WPD-CWEB-SRES 404-562-9752	5/23/19
Management Signature/Name	**Office/Phone Number**	**Date**
Daniel J. O'Lone, Chief Stormwater and Residuals Enforcement Section	USEPA Region 4/WPD-CWEB-SRES 404-562-9434	5/23/19

1. FACILITY LOCATION INFORMATION							
GPS Coordinates	**Latitude**	35°27'37.67"N			**Longitude**	81°15'36.30"W	
Receiving Water(s) or MS4	South Fork Catawba River		**Site Acreage**	3.5 acres	**Weather Condition**	Clear skies,	
Date of NOI (or No Exposure Exclusion per 122.26(g))	N/A	**SIC Code(s)**	3273	**Discharge to 303(d) listed or TMDL waters**	No	**Does the site discharge pollutants contributing to the receiving stream impairment?**	N/A

2. BASIC STORMWATER POLLUTION PREVENT PLAN (SPPP) INFORMATION				
SPPP TOPICS (Part III)		**YES**	**NO**	**N/E**
SPPP on-site (obtain a copy of the plan) **Section 9** A copy of the SPPP date December 15, 2011 was made available onsite for review during the inspection.		X		
Site Description	**Section 1**	X		
Identify potential Pollutant Sources and Particular Pollutants **Section 1(b)** From the review of the SPPPP it appears that the necessary pollutant sources were identified.		X		
Site Maps (general location map and site specific map) **Section 1(c)** A site map was included with the plan and included information about the receiving waters, discharge points, site boundaries, site topography, drainage features and flow directions, industrial activities, and site best management practices (BMPs).		X		
Spill History (3 year history or spills and corrective actions) **Section 1(d)** A spill history log was maintained by the facility and kept in its SPPP. This document, seen in photo DSCN1836, appear to document the necessary information and appears to have been updated annually.		X		
SPPP Certification **Section 1(e)** The annual certifications were available at the site with the most recent certification being dated 01/09/19.		X		
Stormwater Management Strategy (Feasibility Study) **Section 2(a)** Page 2-1 of the SPPP lists the procedures for conduction annual feasibility study. However, no records of any feasibility study findings and conclusion are discussed in the SPPP.			X	
Stormwater Management Strategy (Secondary Containment) **Section 2(b)** Per the facility's permit, the site plan should include a table or summary of the above storage tanks and their associated secondary containment. The summary should include the capacities of both the tanks and the containment structure.			X	
Stormwater BMP Summary **Section** Include all structural and non-structural BMPs at the site)		X		
Spill Prevention & Response Procedures (SPRP)	**Section 3**	X		
Preventative Maintenance and Good Housekeeping Program	**Section 4**	X		
Employee Training	**Section 6**	X		
Identify the Responsible Party	**Section 7**	X		

2. BASIC STORMWATER POLLUTION PREVENT PLAN (SPPP) INFORMATION

SPPP TOPICS (Part III)	YES	NO	N/E
SPPP Modified or Update to Current Conditions **Section 8** The SPPP provided during the inspection was from 2011. The review of the plan showed that it was not current to the conditions of the plan including, but not limited to, an incorrect number of outfalls (plan says 3 while the facility only considered 1 active) and the additional berm structure in the southeast corner of the site for eliminating outfall #2.		X	
Schedule and Procedures for Routine Inspections **Section 5** Routine facility inspections are conducted semi-annually.	X		

3. SITE DESCRIPTION and SWPPP

Concrete Supply Company operates a ready-mix concrete facility in Lincolnton, NC. Operations at this site began around 1970 and currently entails the operation of one mixing plant 5-6 days/week for one shift per day. Raw materials and products from the site are moved by truck. Raw materials for the process include, but are not limited to, sand, gravel, fly ash, cement, and chemical admixes. Except for the cement and admix chemicals, raw materials are stored outside in open storage piles. The cement received at the site is loaded onto a belt conveyor and sent to one of the storage silos feeding the process. Admix chemicals are maintained in outdoor storage tanks and totes that are connected to the process by hose or pipe.

The ready-mix plant consists primarily of a mixing process that loads concrete trucks. The raw materials are loaded into the process from the loading bins. The loading bins are feed by conveyors which are manually loaded. The aggregate is loaded into the concrete trucks where it is then mixed with water. The trucks are then washed off and delivered to the site. Concrete Supply operates its own trucking fleet so upon delivery of a shipment, trucks return to the site so that they can be cleaned and either reloaded or parked. The drum cleaning process entails the dumping to ground of any residual concrete and a drum washout at the end of the day. The residual concrete dumped to ground is allowed to dry, re-crushed, and returned to the process. The rinse water from the truck drums is then released to the facility's concrete washout basin.

The potential permitted discharges from this facility include both stormwater and process wastewater. According the facility's SPPP, water from the site can be released through one of three outfalls. During the inspection, the facility informed EPA that it only operated/monitored one outfall at the site currently and that most of the process wastewater from the drum washout basin is either recycled to the process, used for dust suppression, or discharged to the City of Lincolnton's sanitary sewer system.

4. RECORD REVIEW

Record Review	YES	NO	N/E
Representative on-site	X		
Records of the obtaining of a Certificate of Coverage (COC) **Part I, Section B** The COC, in response to the submission of the NOI and other necessary documents, was issued to the facility on 04/11/2014.	X		
List of detergents, additives, polymers, brighteners, and cleaning agents **Part II Section B(9)** A list of the various chemicals and admixes used in the process were provided in Appendices B-1 and B-2 of the facility's SPPP.	X		
Records of the Implementation of the SPPP **Part III Section 9, Part V Section D(6)**	X		

4. RECORD REVIEW			
Record Review	**YES**	**NO**	**N/E**
Maintenance and Housekeeping Programs **Part III Section A(9), Part V Section D(6)** The permit requires records be maintained pertaining to the maintenance and housekeeping activities performed at the site as part of its SPPP. During the inspection, records pertaining to various housekeeping and maintenance activities including sweeping/routine clean-up and concrete washout basin maintenance were requested. According to the facility, documentation of these housekeeping practices were not maintained by the facility.		X	
Records of Routine Inspections **Part III Section A(9), Part V Section D(6)** Records of facility inspections were reviewed back through 2017. The semiannual inspection report from 09/2018 can be seen in photos DSCN1865-DSCN1867. These records showed the facility not documenting period inspections of the believed to be eliminated outfall near the southeast corner of the facility (which was observed as not having a water tight diversion or containment structure in place). Additionally, records were not available for the 3rd quarter 2016 inspection.		X	
Records of Employee Training **Part III Section A(9), Part V Section D(6)** Employee training records were reviewed back through 2017. During the review, training records for 2018 were not available.		X	
Approval of Representative Outfalls **Part III Section D(5), Part V Section D(6)** The facility had not requested the approval of a representative outfall.			X
Records of Benchmark Monitoring **Part IV** According to Part II, Section B(8) of the permit, all discharges of process wastewater should be monitored in accordance with Part IV Section D of the permit. Part IV of the permit outlines monitoring requirements for both stormwater and wastewater discharges. One notable difference between stormwater and waste water requirements is that stormwater requires monitoring during a measurable storm event at least 72 hours after the previous measurable event. Wastewater simply requires monitoring within 30 minutes of the start of discharging. Additionally, wastewater monitoring includes testing for effluent limitations and the inclusion of flow rate monitoring (for facilities discharging to specific stream types). When monitoring records were requested during the inspection, the facility stated that there had been no discharges from the site meeting the requirements of measurable rain events in over five years. When asked how the outfall was monitored for discharge, the facility stated that a contractor comes to the facility when there is a rain event to observe the outfall. It was not clear as to how long the contractor remains at the site but there was no way for the facility to know if there was a discharge from the outfall at any point. Although the facility claimed that there were no discharges occurring from the site, evidence was observed of likely past discharges at outfalls at the site.		X	
Records of Qualitative Monitoring **Part IV Section C** The facility claimed that there had been no discharges from the site in 5 years. As a result, there would have been no records of qualitative monitoring.			X
Records of Tiered Approach to Benchmark Exceedances **Part III Section D(5), Part V Section D(6)** The facility considered outfalls from the site to be commingled stormwater and wastewater outfalls; therefore, would be required to meet the wastewater effluent limits. The tiered approach is only applicable to benchmark exceedances at the outfalls.			X

4. RECORD REVIEW			
Record Review	**YES**	**NO**	**N/E**
Records of Stormwater Bypasses **Part V Sections C(3)** The facility claimed that there had been no discharges from the site in 5 years. As a result, there would have been no records of stormwater bypasses.			X
Records of Wastewater Bypasses **Part V Sections C(4)** The facility claimed that there had been no discharges from the site in 5 years. As a result, there would have been no records of stormwater bypasses.			X
Records of 24 hr Reporting **Part V Sections E(8-10)** According facility personnel, there had been no incidences since 2017 requiring reporting within 24 hrs.			X

5. SITE EVALUATION & SWP3 IMPLEMENTATION	
Pollutant Sources	**Note location, quantitative description, design issue, O&M deficiencies (including the nature and extent), and pollutants off-site**
Loading/Unloading Area	Cement at the site is received by truck and loaded into one of the two storage silos. The loading hopper for these silos is located near the southeast corner of the facility and can be seen in photo DSCN1858. The loading hopper is loaded with a front loader and transferred the material to the silos via the belt conveyor seen in photo DSCN1859. At the top of the belt conveyor, a switch was in place to direct the material from the belt conveyor to the appropriate silo. The loading hopper was located near the crest of a hill leading to the stream. Sediment accumulation was observed along the ground in this area which drains towards the stream as seen in photo DSCN1858. The area between the conveyor belt to the storage silos has large amount of sediment deposit along the ground as seen in photo DSCN1859. This area near outfall #2 also drains towards the stream.
Raw Material Storage Facilities	The sand, gravel, and fly ash used at the facility are stored in outdoor storage piles near the southside of the site (see photos DSCN1853-DSCN1854). These storage piles were located within three sided walled structures which are accessible by front loader.
Outdoor Process Operations	Concrete Supply operates one mixing plant at the Lincolnton facility. The mixing plant has a series of feed hoppers that feed the appropriate mix of raw materials to the mixing cell. These hoppers are recharged by a belt conveyor that is manually loaded by front loader. Photographs DSCN1863-DSCN1864 shows the truck loading area of the concrete mix plant. The feed hoppers to the plant can also be seen in these photos.
Housekeeping	The ready-mix concrete process involves the transport and handling of sand and gravel like materials. These materials are typically manually transported around the facility resulting in the spilling and tracking of material. During the site visit, areas of the site were observed with significant material deposition appearing to be needing additional housekeeping. This include the area around the cement silos and loading conveyor near the southeast corner of the site (seen in photos DSCN1858-DSCN1859).

5. SITE EVALUATION & SWP3 IMPLEMENTATION		
Pollutant Sources		**Note location, quantitative description, design issue, O&M deficiencies (including the nature and extent), and pollutants off-site**
Liquid Storage Tanks		Concrete Supply utilities above ground storage tanks at the facility for vehicle fueling and maintenance activities and for the storage of admix chemicals for the process. An equipment fueling station was located along the west side of the property. In this area, an above ground diesel tank was observed inside of a concrete secondary containment structure (seen in photo DSCN1852). A second area on the eastside of the site was observed with above ground tanks for admix chemicals. This area included storage tanks and tote bins located within a concrete secondary containment struck (see photo DSCN1861). Smaller volumes of vehicle oil were also maintained on site in 55-gal drums. This drum storage area, seen in photo DSCN1860, was located along the east side of the property and was observed with shed cover and drums stationed off the ground on spill catch pads. The above ground storage tanks at the facility were located within a concrete secondary containment structure. These two concrete structures were both configured with release valves to drain accumulated liquid with in the structure. The drainage valves from the two structures can be seen in photos DSCN1852 and DSCN1862. These valves were observed without a locking mechanism but did have the valve handles removed.
Best Management Practices (BMPs)		Stormwater/wastewater runoff from this site is managed through the directing of the runoff to the designated outfall. During the inspection, structural controls were observed around Outfall #1 and former Outfall #2. A rip rap berm was observed along the west side used to divert runoff towards outfall #1 (see photos DSCN1845-DSCN1846). This berm controls runoff from areas of the site including the truck washing operation (seen in photos DSCN1846-DSCN1847) and directs it to the outfall. At outfall #1, a rip rap berm was in place to allow for the slowing/pooling of runoff allowing for the settling out of particulates (seen in photo DSCN1837). The discharge pipe for Outfall #1 can be seen in photo DSCN1844 which appears to discharge from the bottom of the pooling area near the accumulation level of the sediment. Near the southeast corner of the site, the facility previously operated Outfall 2. According to site personnel, this outfall had been removed from operation for 2-3 years. To decommission this outfall, a concrete barrier was put up in the low laying areas in this corner to divert runoff from the stream. During the inspection, the concrete barrier was observed as not being water tight (see photo DSCN1857) was the was part of the facility's periodic inspections.
Spills/Leaks Handing		Spill kits were observed in the areas of the site with fluid storage. No evidence of past spills was observed during the inspection.
Disposal/Waste Handling Areas		Once trucks return the facility, the residual concrete in the drums are emptied to the ground and allowed to dry. Once dry, the concrete is collected and stored so that it can be recycled to the process. One of these outdoor storage areas can be seen in photo DSCN1854.
Potential Process Wastewater	**Vehicle Maintenance Areas**	No vehicle maintenance activities were observed during the inspection.
	Material Stockpile Wetting Operations	According to facility personnel, some of the dust suppression at the site is performed with process water from the drum washout operation from the clear water pit. These operations were not observed during the inspection.

5. SITE EVALUATION & SWP3 IMPLEMENTATION		
Pollutant Sources		**Note location, quantitative description, design issue, O&M deficiencies (including the nature and extent), and pollutants off-site**
	Mixing Drum Cleanouts	Concrete trucks have their drums washed at the wash station in the southwest corner of the site (see photo DSCN1848). Once rinsed, the wastewater from the drums are emptied into a concrete washout basin to allow for the removing of particulates. These series of concrete washout basins can be seen in photos DSCN1849-DSCN1851. If required, a pH treatment can be performed in the basin to adjust the pH prior to discharging. According to facility personnel, there is never a discharge from the clear water pit at the end or the treatment series due to the facility's ability to pump the wastewater from the pit to the City of Lincolnton storm sewer drain (seen in photo DSCN1850).

6. OUTFALL, STORMWATER DISCHARGE & RECEIVING WATER OBSERVATIONS			
Outfall, Stormwater Discharge & Receiving Water	**YES**	**NO**	
Number & location of stormwater discharge(s)/outfall(s) consistent with the SPPP		X	**Describe:** According to the facility's site plan, there were three outfalls at the Lincolnton site. During the inspection, facility personnel stated that they currently only operate Outfall 1 near the northwest corner of the site (seen in photos DSCN1838, DSCN1844). Outfall #1 discharged to a drainage feature, seen in photos DSCN1839-DSCN1843, leading to the tributary. In addition to the observing of silty material from the cement process in the ditch, there were also erosion features and pooling water signaling the release of water to this drainage feature. A second outfall was identified near the southeast corner of the site near the silo loading conveyor (see photos DSCN1855-DSCN1857). This outfall was considered in the SPPP but according to the facility was removed and no long monitored under the plan. During the inspection, the outfall did not appear to have been adequately sealed to elimate potential discharges nor was it routinely monitored to ensure no discharge. A third outfall was also listed in the SPPP which did not appear to be currently active or in place at the site.
Evidence of off-site accumulation of pollutants observed in receiving water		X	**Describe:** No evidence of the offsite accumulation of pollutants was observed in the tributary during the inspection.
Other potential discharges off-site (through outfalls not included in the SPPP)	X		**Describe:** According to facility personnel, the facility is allowed to periodically pump wastewater from the clear water pit to the City of Lincolnton's sanitary sewer system. This is a discharge point for process wastewater which was not discussed in the facility's SPPP. Additionally, the facility neither obtained a pretreatment permit from the city, an official written agreement with the city, nor established a way to monitor the amount and condition of the wastewater being sent to the city's system.
Non-stormwater discharge	X		**Describe:** General Permit NCG140000 provides permit coverage for certain non-stormwater discharges and process wastewater associated with only three distinct industrial activities. However, the use of concrete wash water for dust control throughout the site is not one of the authorized process wastewater discharges specified in the permit.

Additional inspection summary, narrative, findings, comments, photos, and schematic diagram of the facility area as necessary:

An exit conference was held with Gus Segura were the following observations were relayed:

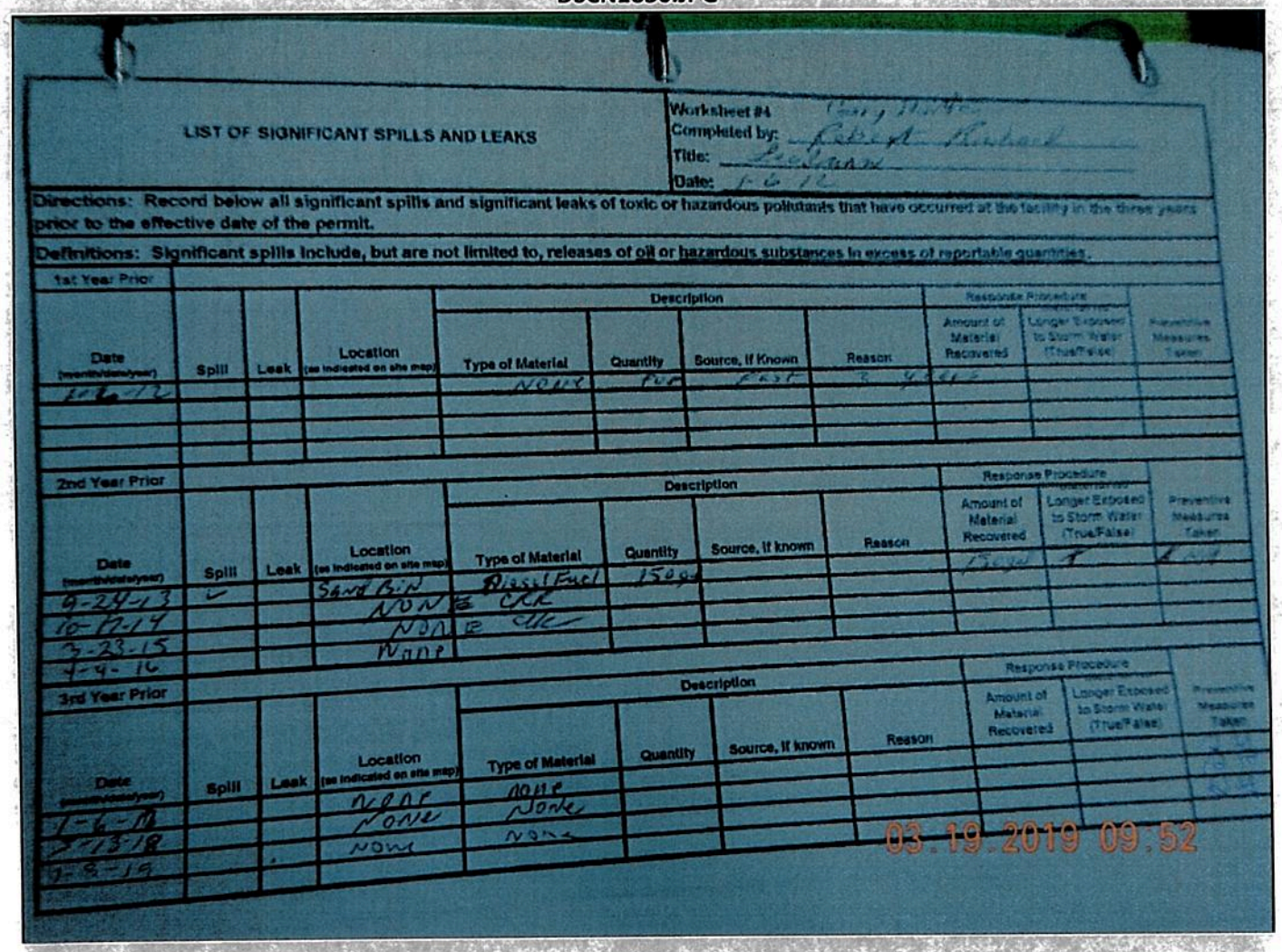
- SPPP Observations
  - The site plan shows it last being updated in 2011
  - The spill records in the plan did not include annual updates or dating
  - The site plan showed in an inaccurate outfall count
  - The site map did not include the receiving water or identify the catch basin near the outfall
  - No formal or signed agreement was providable between the facility and the City of Lincolnton allowing for the discharging of the process water from the concrete washout ponds to the city's sewer system.
- Records Observations
  - Review of the sampling records at the site showed sampling having not been performed for over five years claiming that there has been no discharge from the site
  - The facility was unable to provide housekeeping and maintenance records in addition to there being no set maintenance and/or housekeeping schedule provided in the site plan
  - Records of training from 2018 were not available
  - Semiannual inspection records from early 2016 were not available
- Site Observations
  - Additional housekeeping and BMPs were needed in the area near the loading conveyor located near the stream
  - The valves on the secondary containment structures did not have a locking mechanism
  - The outfall near the southeast corner of the facility, which the facility claims to have closed out, was not water tight or properly bermed to assure there was no potential to discharge
  - A concrete sheen/accumulation was observed in the City of Lincolnton's sewer man hole likely from the discharging of concrete wash water to the sewer drain.

SW-NCG140046-031919

Concrete Supply Company - Lincolnton Plant
831 Madison St
Lincolnton, NC 28092

Overview Map

DSCN1836.JPG



LIST OF SIGNIFICANT SPILLS AND LEAKS

Worksheet #4
Completed by:
Title:
Date:

Directions: Record below all significant spills and significant leaks of toxic or hazardous pollutants that have occurred at the facility in the three years prior to the effective date of the permit.

Definitions: Significant spills include, but are not limited to, releases of oil or hazardous substances in excess of reportable quantities.

1st Year Prior

Date (month/day/year)	Spill	Leak	Location (as indicated on site map)	Description: Type of Material	Description: Quantity	Description: Source, if Known	Description: Reason	Response Procedure: Amount of Material Recovered	Response Procedure: Longer Exposed to Storm Water (True/False)	Preventive Measures Taken
1-6-12				NONE						

2nd Year Prior

Date (month/day/year)	Spill	Leak	Location (as indicated on site map)	Description: Type of Material	Description: Quantity	Description: Source, if known	Description: Reason	Response Procedure: Amount of Material Recovered	Response Procedure: Longer Exposed to Storm Water (True/False)	Preventive Measures Taken
9-24-13	✓		SAND BIN	Diesel Fuel	150 gal					
10-17-14			NONE	CLR						
3-23-15			NONE	CLR						
4-4-16			NONE							

3rd Year Prior

Date (month/day/year)	Spill	Leak	Location (as indicated on site map)	Description: Type of Material	Description: Quantity	Description: Source, if known	Description: Reason	Response Procedure: Amount of Material Recovered	Response Procedure: Longer Exposed to Storm Water (True/False)	Preventive Measures Taken
1-6-17			NONE	NONE						
2-13-18			NONE	NONE						
1-8-19			NONE	NONE						

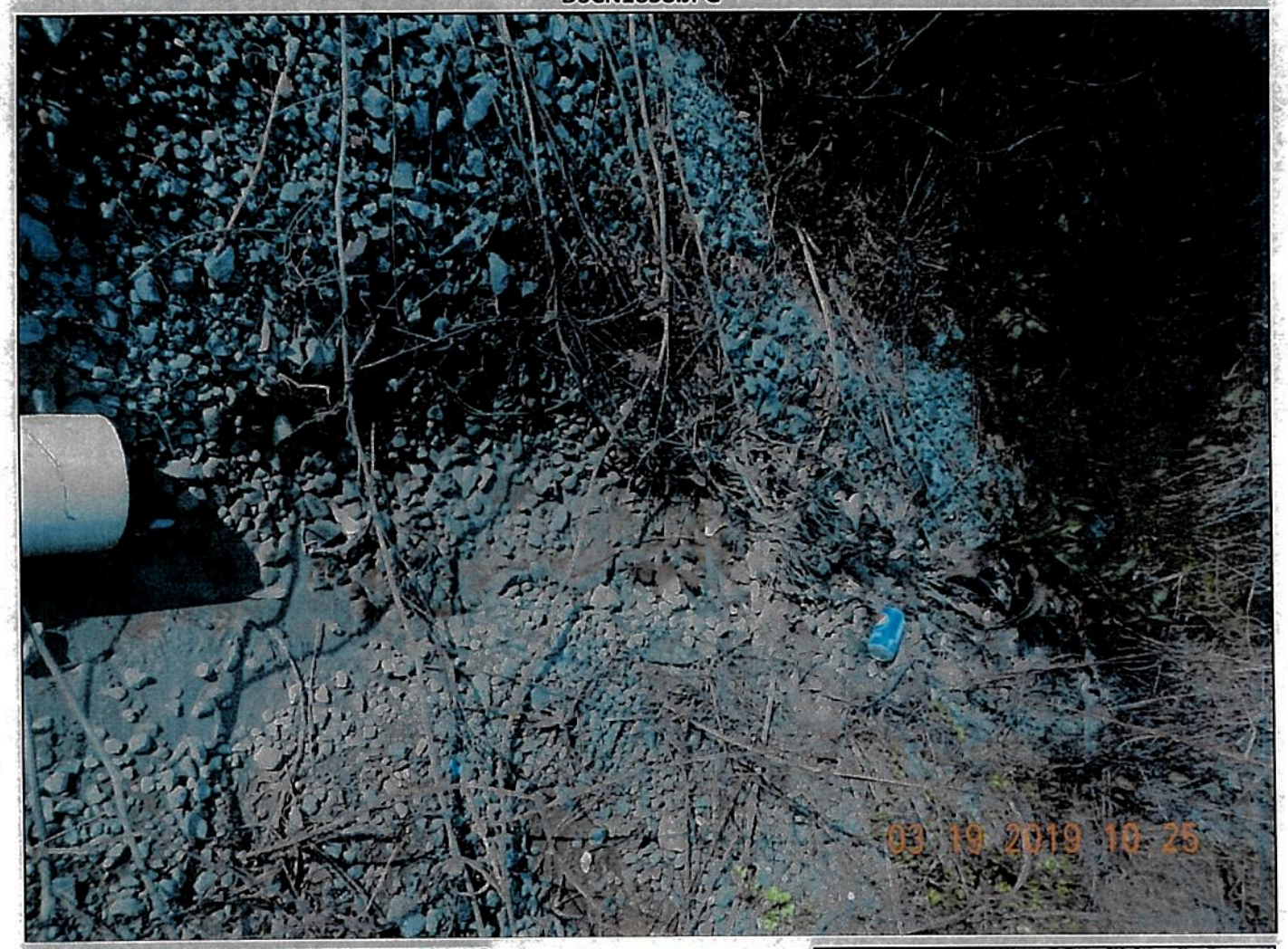
03 19 2019 09:52

Attributes	
File Name	DSCN1836.JPG
Description	Photograph of the annual significant spills and leak log.
Latitude	
Longitude	

DSCN1837.JPG

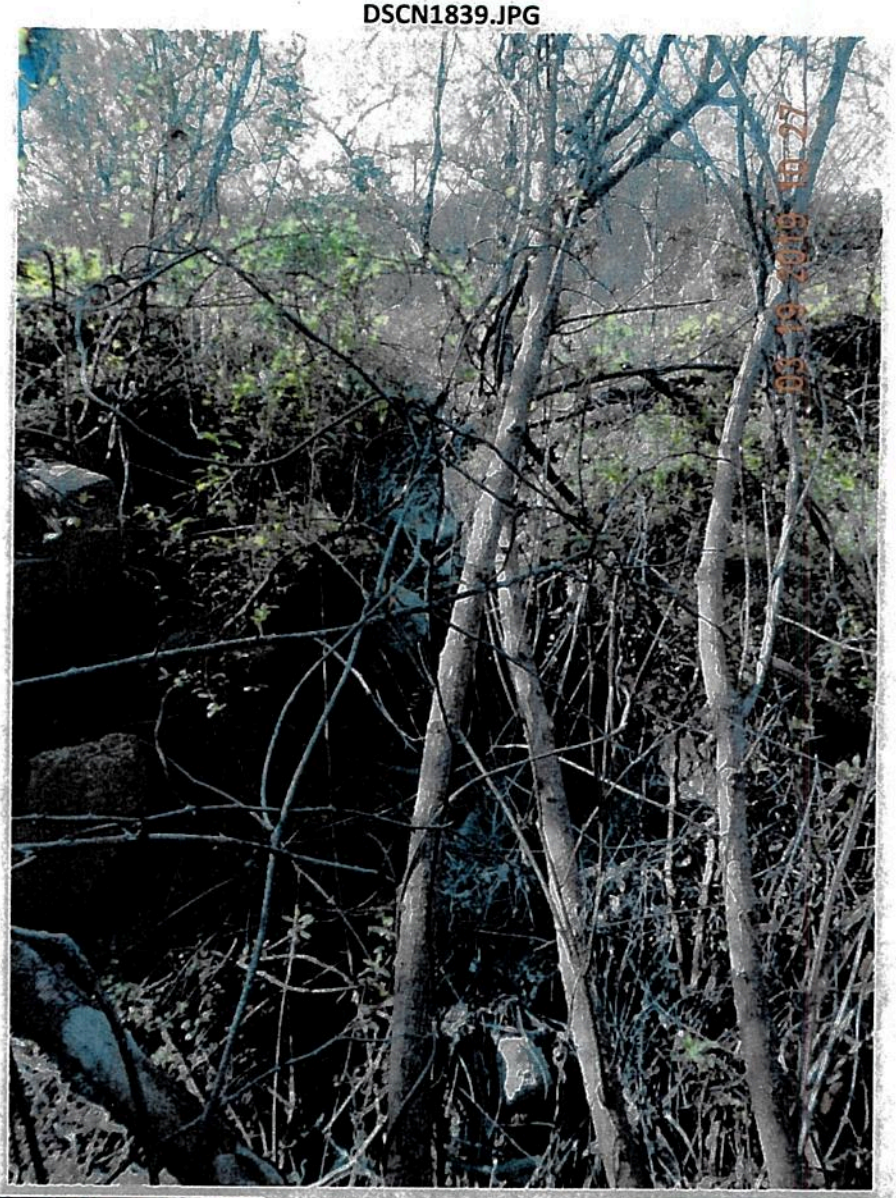
Attributes	
File Name	DSCN1837.JPG
Description	Photograph of the bermed area and inlet at Outfall 1. This outfall, located in the northwest cover of the site, has the potential to discharge both stormwater and wastewater.
Latitude	N 35° 27' 40.60"
Longitude	W 81° 15' 38.43"

DSCN1838.JPG



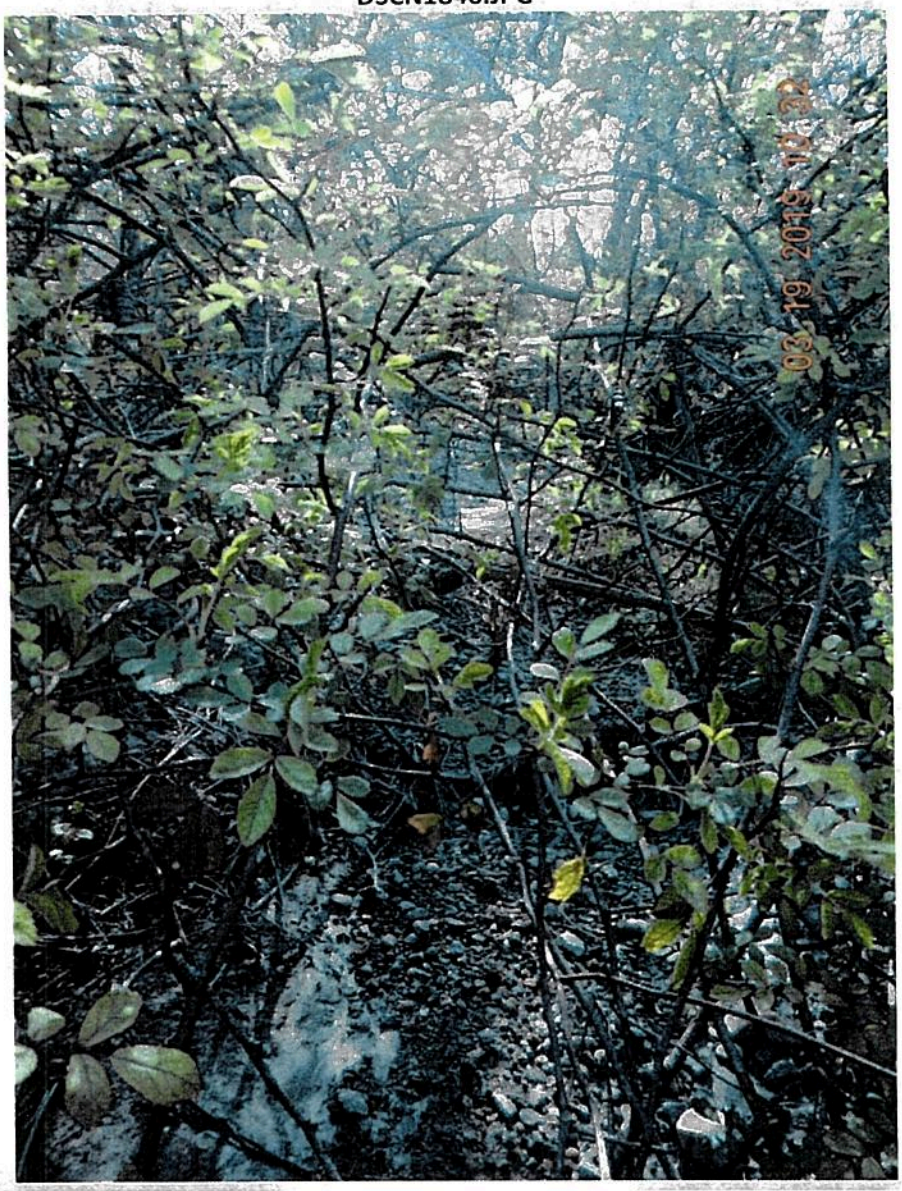
Attributes	
File Name	DSCN1838.JPG
Description	Photograph of the outlet for Outfall 1. This outfall, located in the northwest cover of the site, has the potential to discharge both stormwater and wastewater. The area downgradient of the outfall had what appeared to be accumulated silty material from the concrete process.
Latitude	N 35° 27' 41.38"
Longitude	W 81° 15' 40.91"

DSCN1839.JPG



Attributes	
File Name	DSCN1839.JPG
Description	Photograph of the ditch down gradient of Outfall 1 leading towards the creek. This area appeared to be accumulated silty material from the concrete process. Pooling water was observed in locations in the ditch in addition to the evidence of erosion features.
Latitude	N 35° 27' 39.65"
Longitude	W 81° 15' 38.42"

DSCN1840.JPG

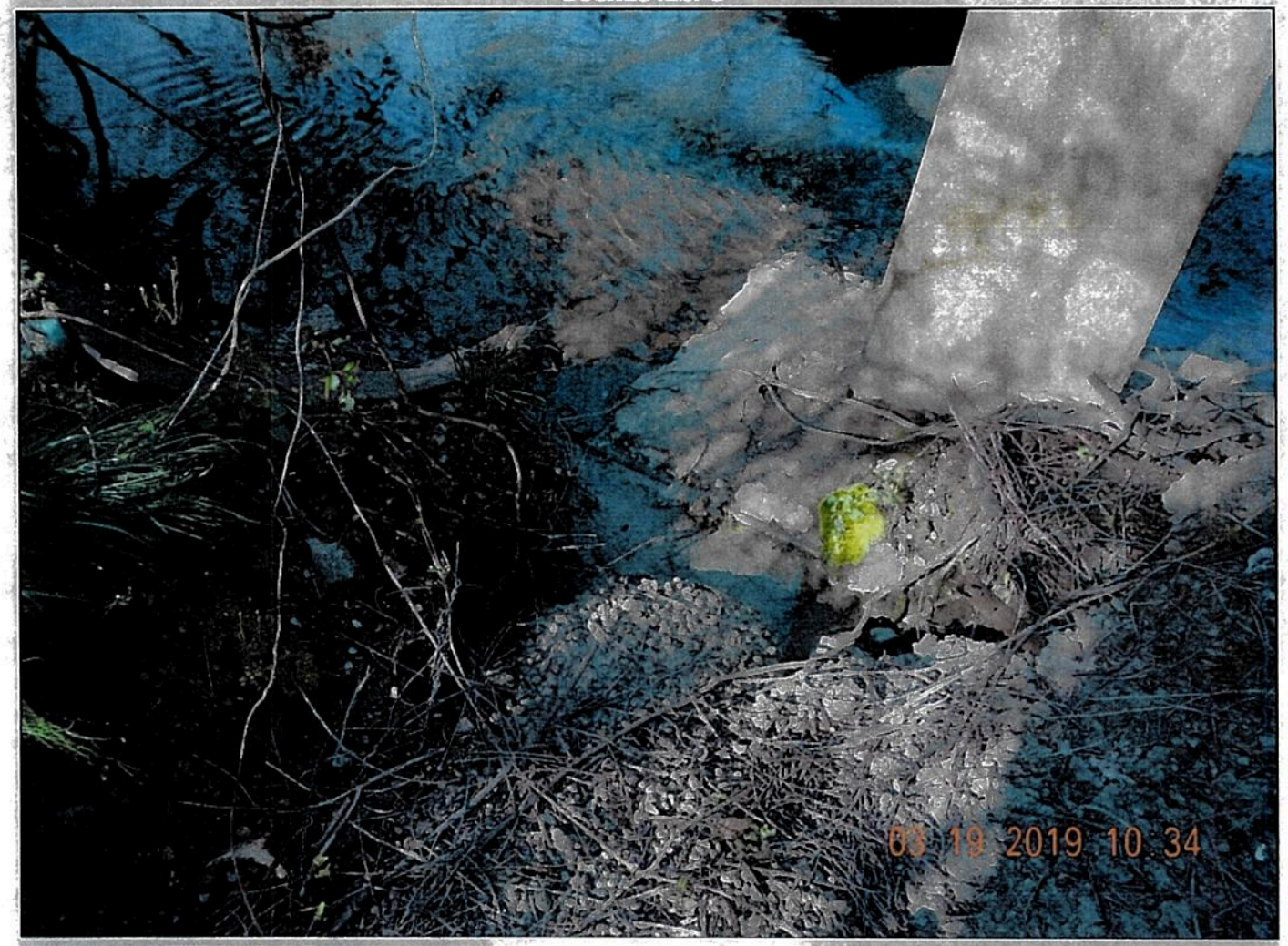


Attributes	
File Name	DSCN1840.JPG
Description	Photograph of the ditch down gradient of Outfall 1 leading towards the creek. Pooling water was observed in locations in the ditch in addition to the evidence of erosion features.
Latitude	N 35° 27' 40.00"
Longitude	W 81° 15' 38.26"

DSCN1841.JPG

Attributes	
File Name	DSCN1841.JPG
Description	Photograph of the ditch down gradient of Outfall 1 leading towards the creek. Pooling water was observed in locations in the ditch in addition to the evidence of erosion features.
Latitude	N 35° 27' 39.98"
Longitude	W 81° 15' 38.25"

DSCN1842.JPG



Attributes	
File Name	DSCN1842.JPG
Description	Photograph of the junction between the creek and the ditch down gradient of Outfall 1.
Latitude	N 35° 27' 40.12"
Longitude	W 81° 15' 38.76"

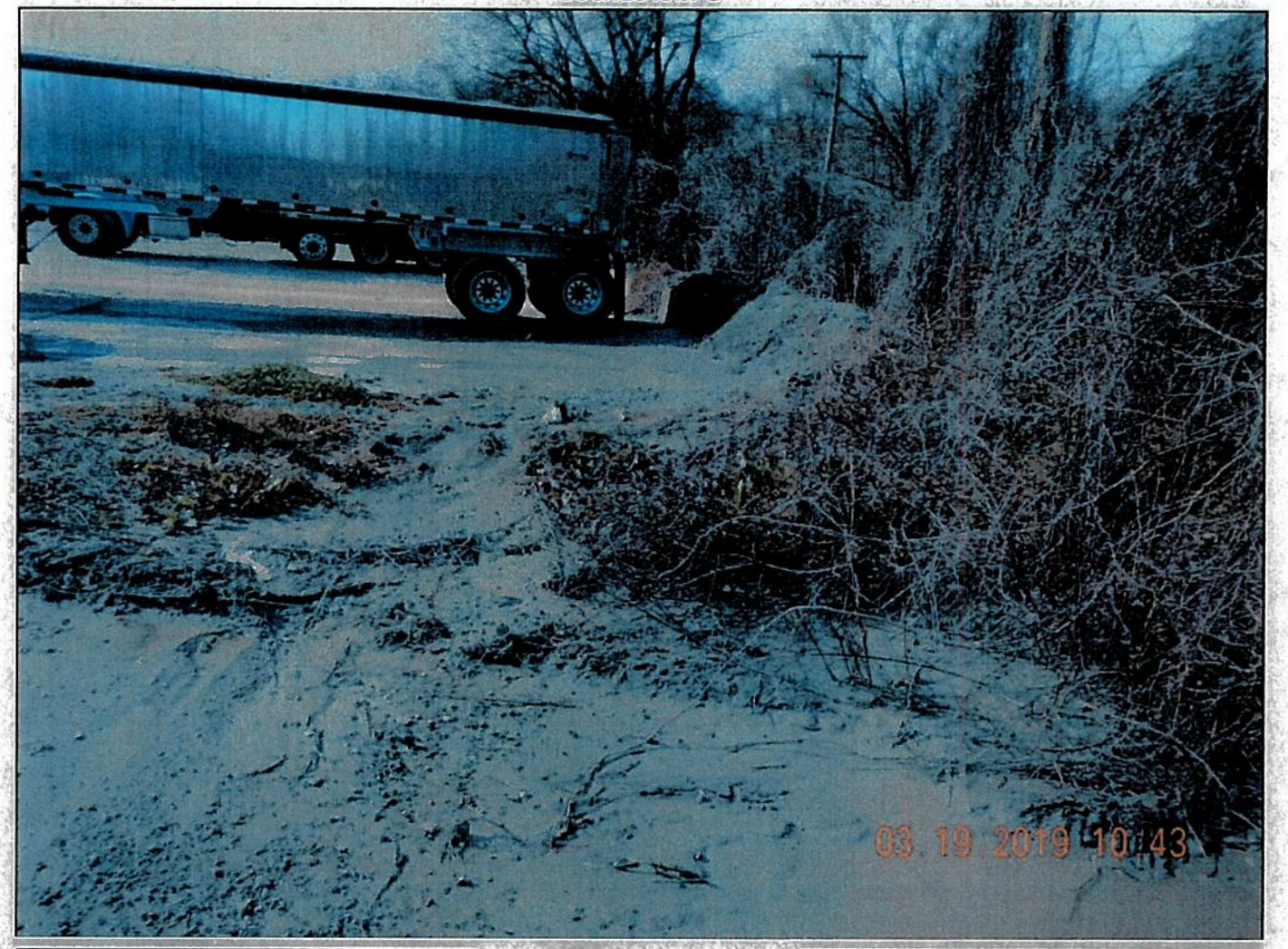
DSCN1843.JPG

Attributes	
File Name	DSCN1843.JPG
Description	Photograph of the ditch up gradient of junction with the creek.
Latitude	N 35° 27' 40.11"
Longitude	W 81° 15' 38.78"

DSCN1844.JPG

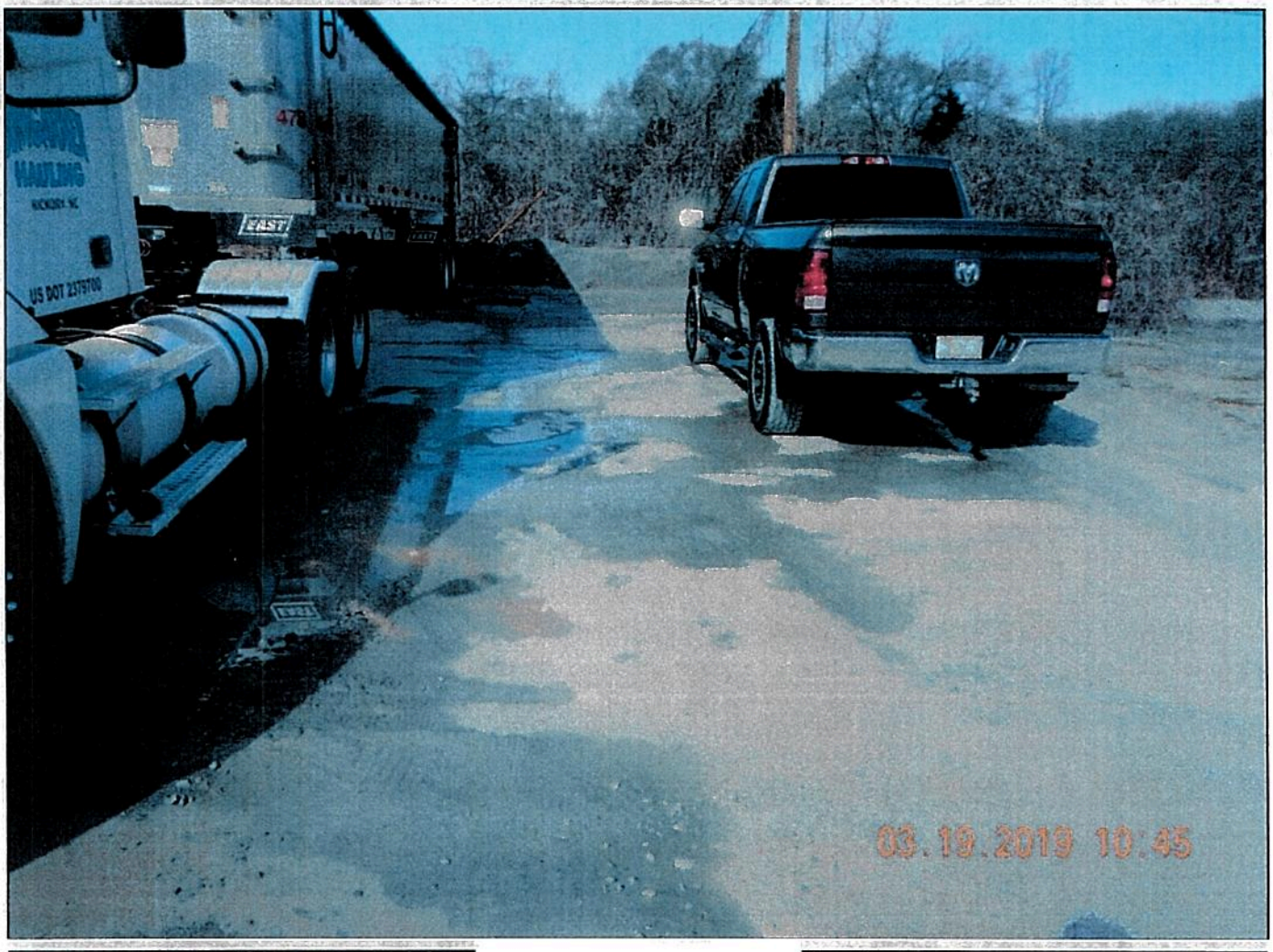
Attributes	
File Name	DSCN1844.JPG
Description	Photograph of the berm and inlet to the pipe for Outfall 1. During the inspection, the facility side of the berm had damp accumulated sediment to the level of the outfall pipe.
Latitude	N 35° 27' 39.54"
Longitude	W 81° 15' 37.48"

DSCN1845.JPG



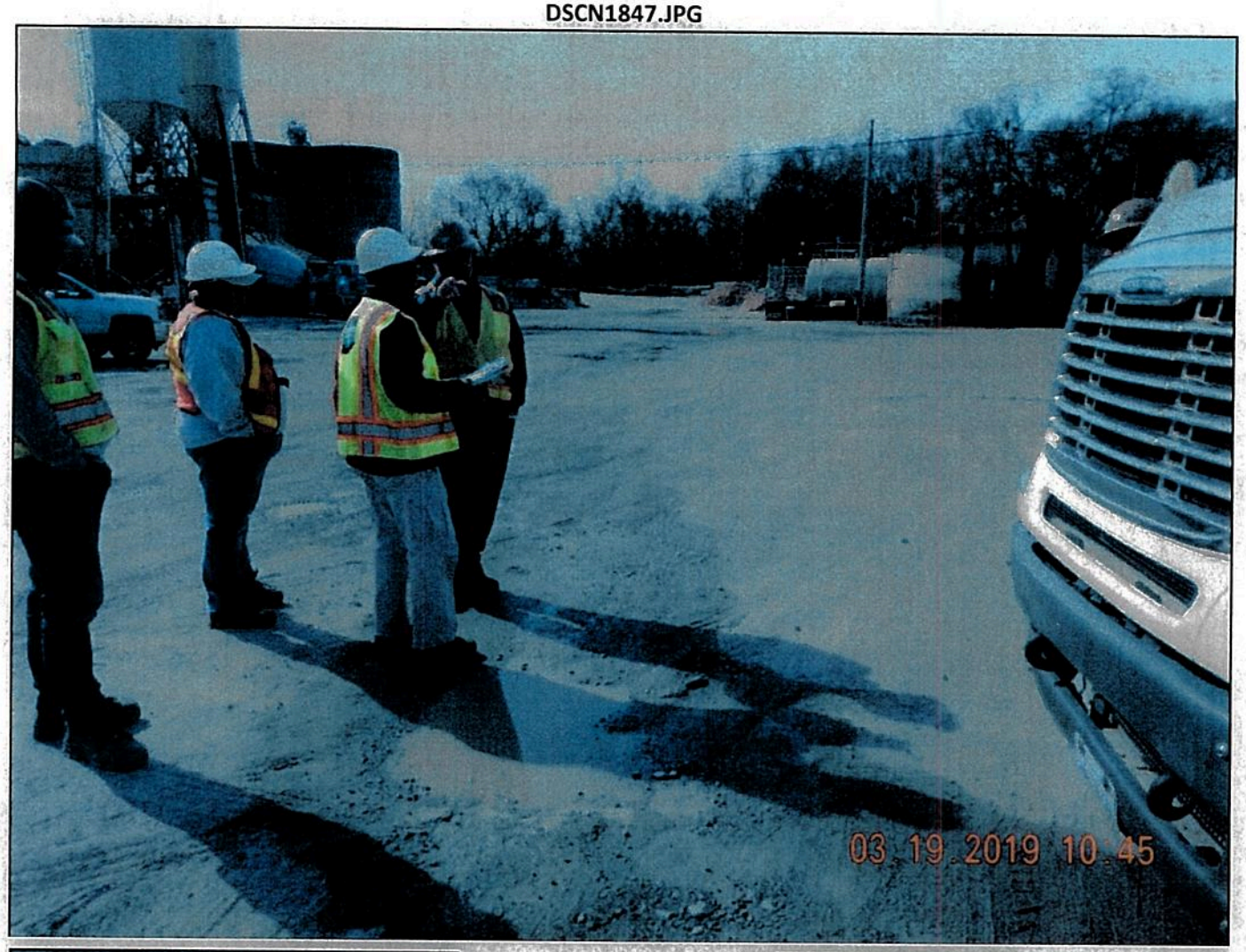
Attributes	
File Name	DSCN1845.JPG
Description	Photograph of the berm along the river near the outfall.
Latitude	N 35° 27' 39.45"
Longitude	W 81° 15' 37.51"

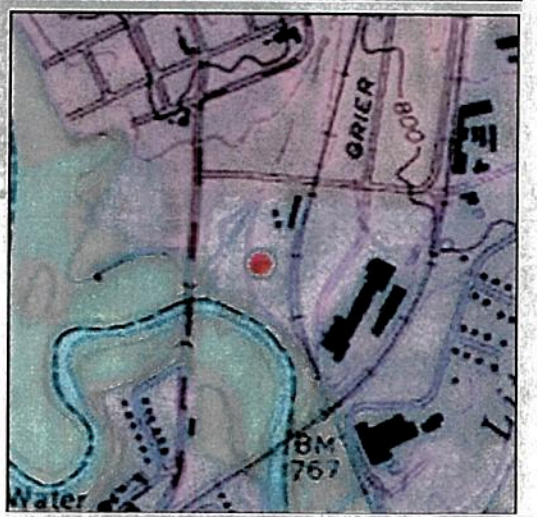
DSCN1846.JPG



Attributes	
File Name	DSCN1846.JPG
Description	Photograph of wastewater from truck washing operations observed during the site running towards the bermed area near the outfall.
Latitude	N 35° 27' 39.07"
Longitude	W 81° 15' 36.97"

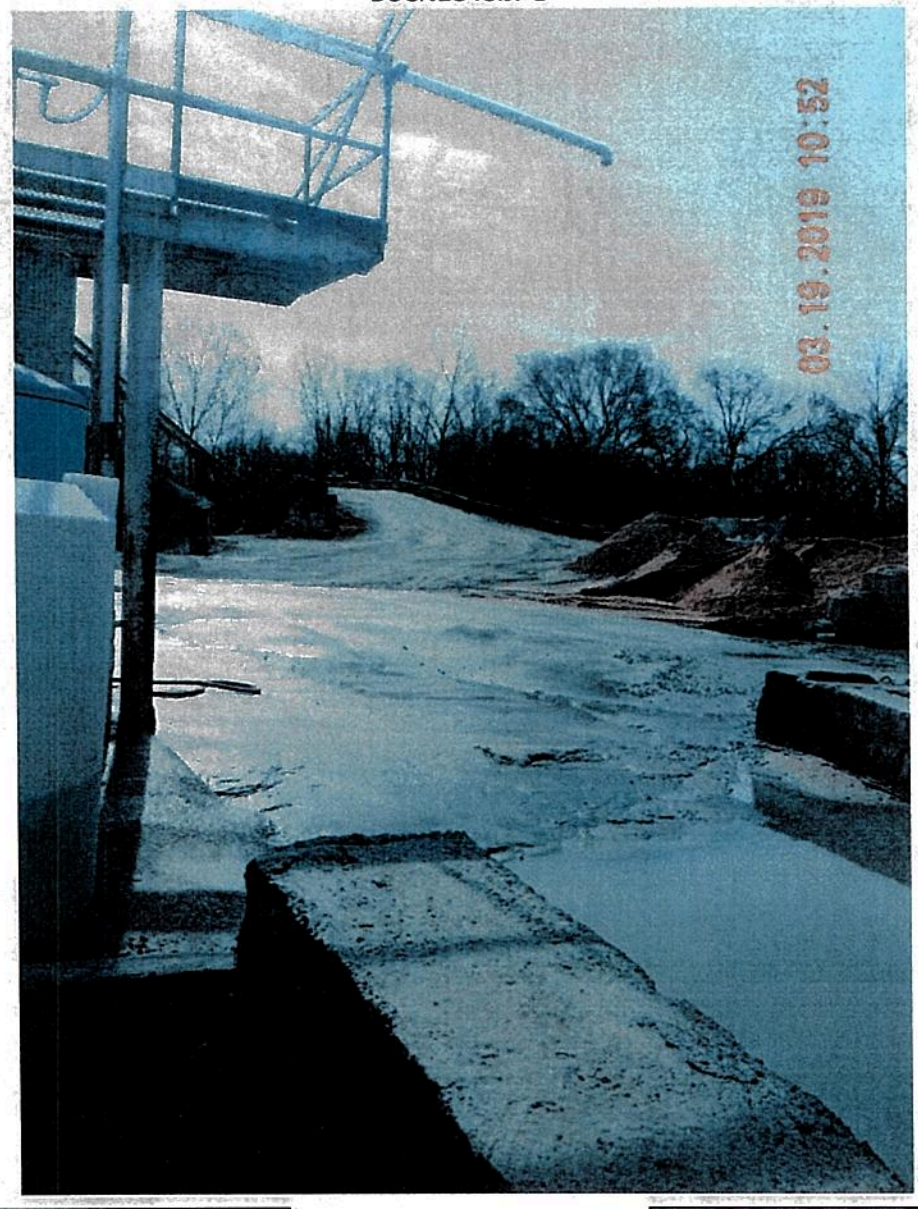
DSCN1847.JPG

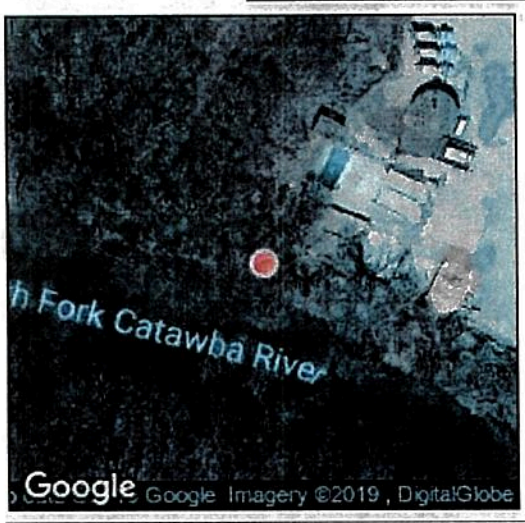




Attributes	
File Name	DSCN1847.JPG
Description	Photograph of wastewater from truck washing operations observed during the site running towards the bermed area near the outfall.
Latitude	N 35° 27' 39.04"
Longitude	W 81° 15' 36.99"

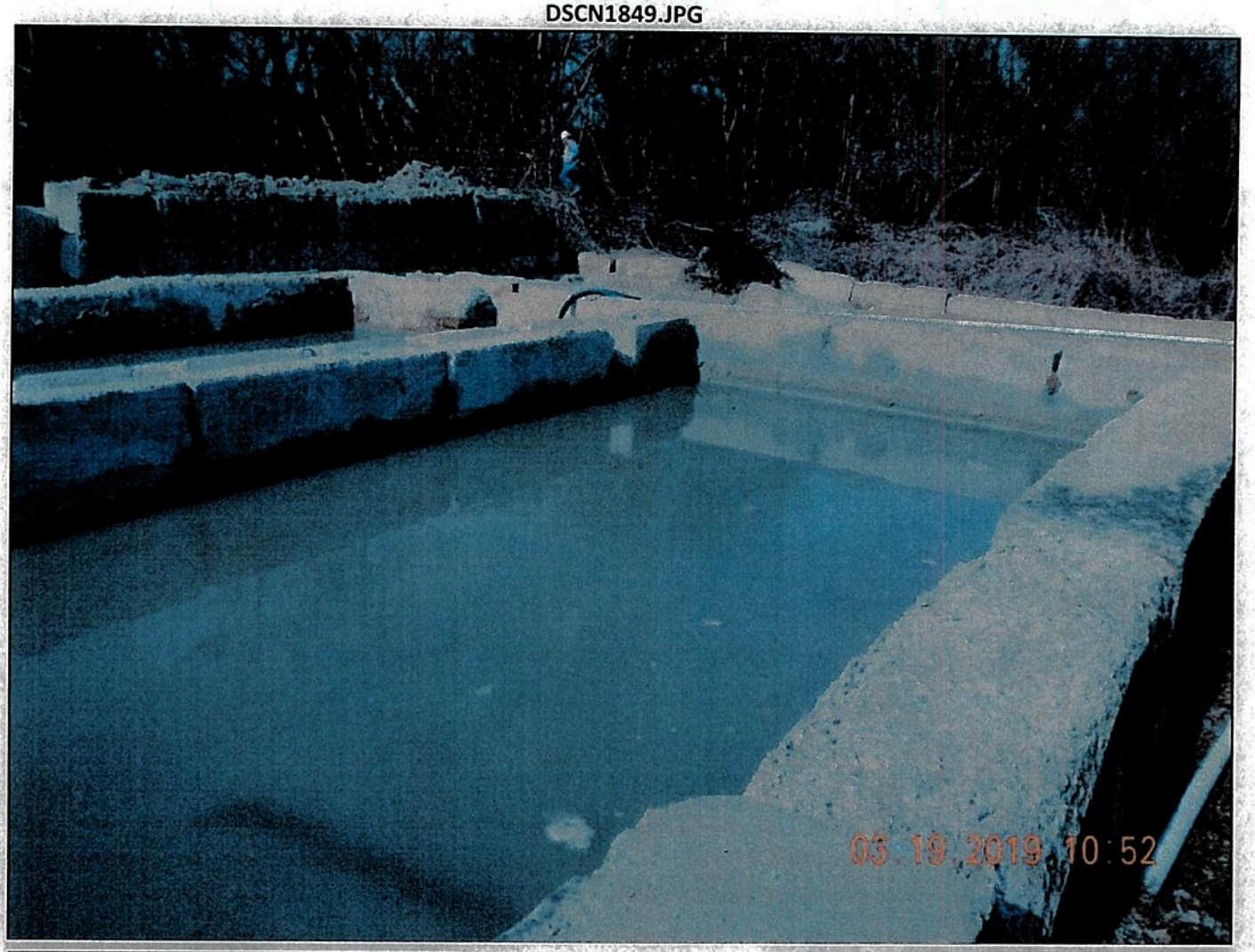
DSCN1848.JPG

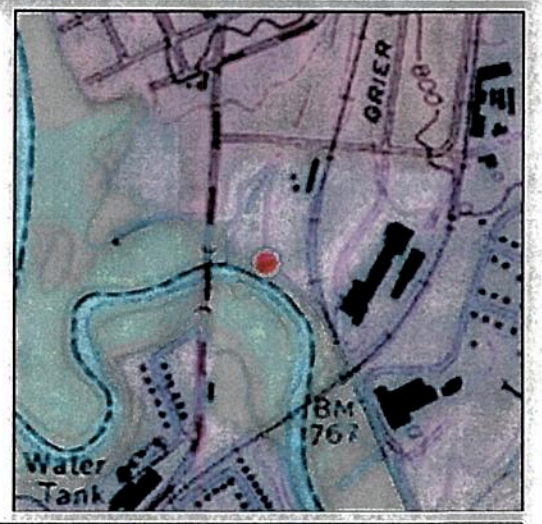




Attributes	
File Name	DSCN1848.JPG
Description	Photograph of the truck wash station near the concrete wash pit.
Latitude	N 35° 27' 36.32"
Longitude	W 81° 15' 39.12"

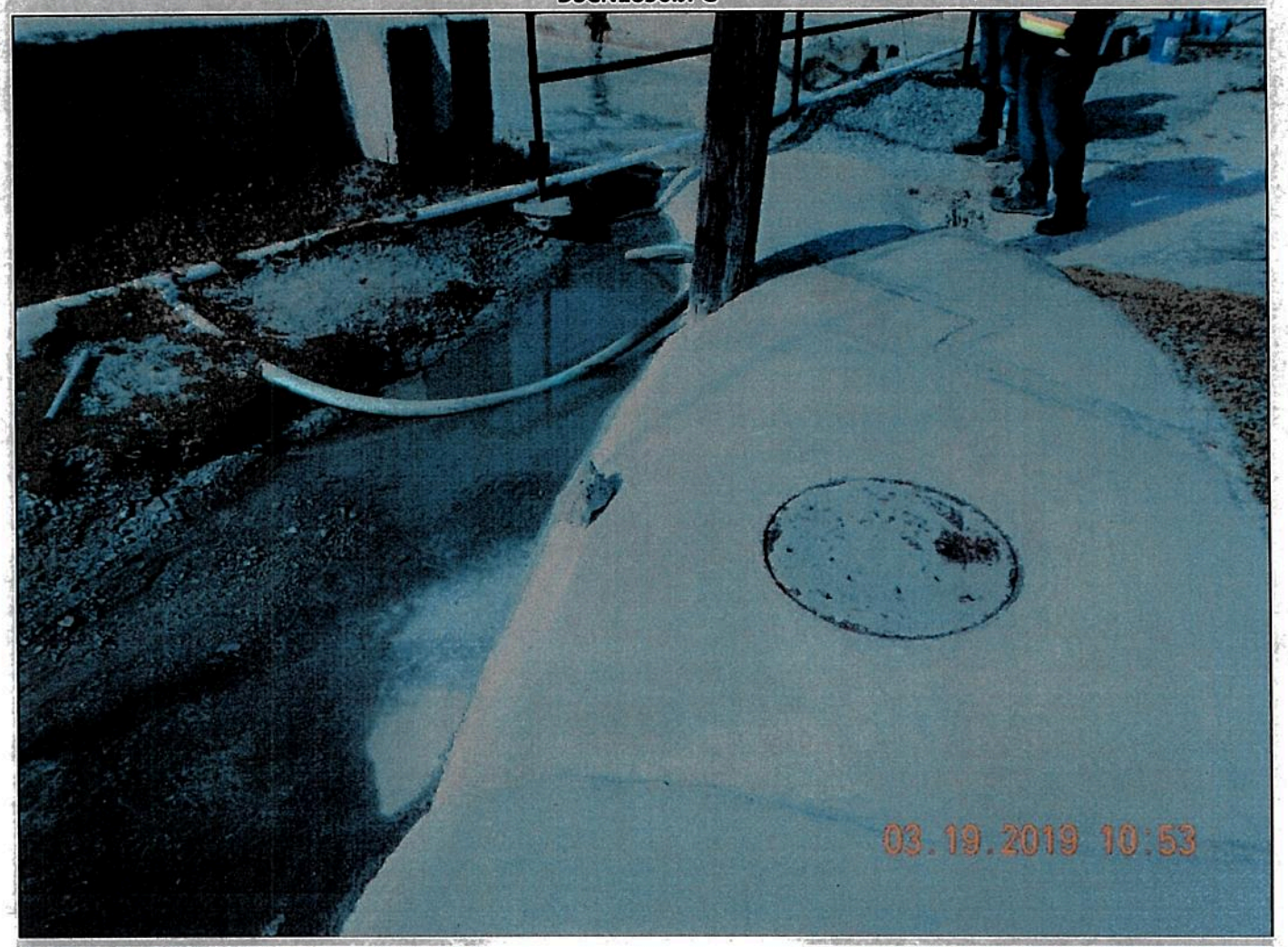
DSCN1849.JPG





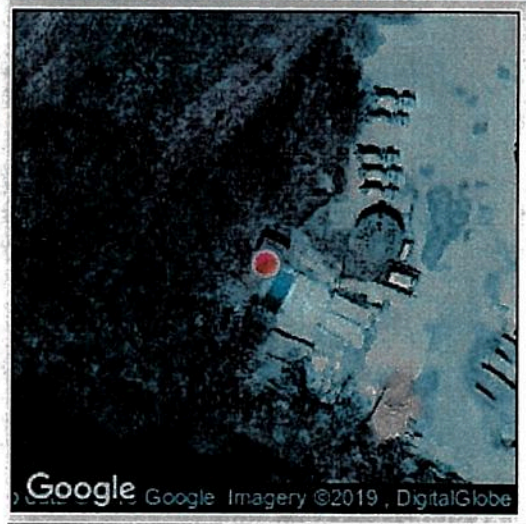
Attributes	
File Name	DSCN1849.JPG
Description	Photograph of the concrete washout basin.
Latitude	N 35° 27' 36.85"
Longitude	W 81° 15' 37.93"

DSCN1850.JPG



Attributes	
File Name	DSCN1850.JPG
Description	Photograph of the municipality's sanitary sewer manhole near the concrete washout station. According to facility personnel, it periodically pump concrete washout water via a portable pump into this sanitary sewer manhole.
Latitude	N 35° 27' 37.25"
Longitude	W 81° 15' 37.67"

DSCN1851.JPG



Attributes	
File Name	DSCN1851.JPG
Description	Photograph of the final treatment cell (Bright well) of the concrete washout. The water from this cell can be used in the process, dust suppression, or directed to the city sanitary sewer manhole.
Latitude	N 35° 27' 37.30"
Longitude	W 81° 15' 38.54"

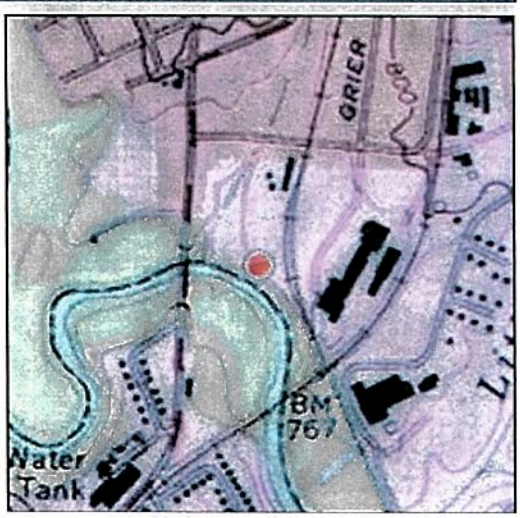
DSCN1852.JPG

Attributes	
File Name	DSCN1852.JPG
Description	Photograph of the diesel fuel tank and its secondary containment structure. A drainage valve was observed in the secondary containment structure. The valve was closed at the time of the inspection. Although a lock was not in place on the valve, the valve arm had been removed.
Latitude	N 35° 27' 37.16"
Longitude	W 81° 15' 37.49"

DSCN1853.JPG

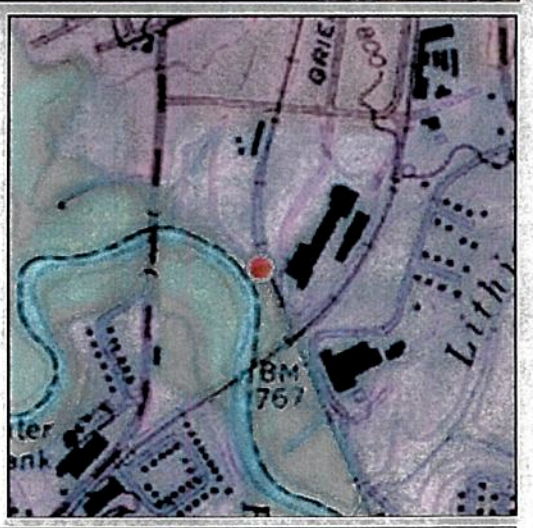
Attributes	
File Name	DSCN1853.JPG
Description	Photograph of the outdoor material storage piles.
Latitude	N 35° 27' 36.50"
Longitude	W 81° 15' 36.70"

DSCN1854.JPG



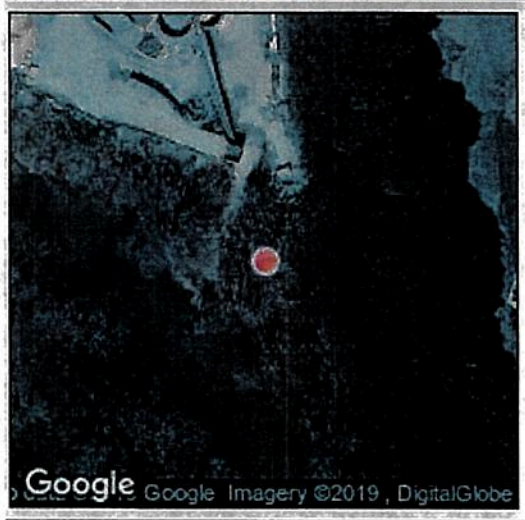
Attributes	
File Name	DSCN1854.JPG
Description	Photograph of the material storage piles. Some sediment tracking was observed from the sand storage pile. A concrete waste storage area can be seen in the back of the photograph along the south side of the property.
Latitude	N 35° 27' 36.51"
Longitude	W 81° 15' 36.76"

DSCN1855.JPG



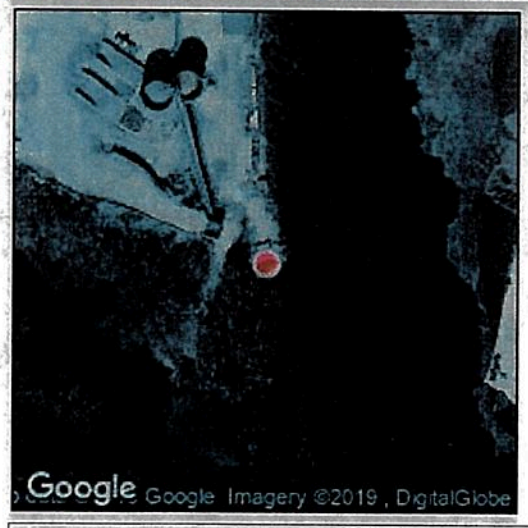
Attributes	
File Name	DSCN1855.JPG
Description	Junction point with the stream and the old outfall from the site which was considered closed out and removed from its permit requirements.
Latitude	N 35° 27' 34.22"
Longitude	W 81° 15' 34.22"

DSCN1856.JPG



Attributes	
File Name	DSCN1856.JPG
Description	Down gradient from the former outfall leading to the stream.
Latitude	N 35° 27' 34.40"
Longitude	W 81° 15' 34.91"

DSCN1857.JPG

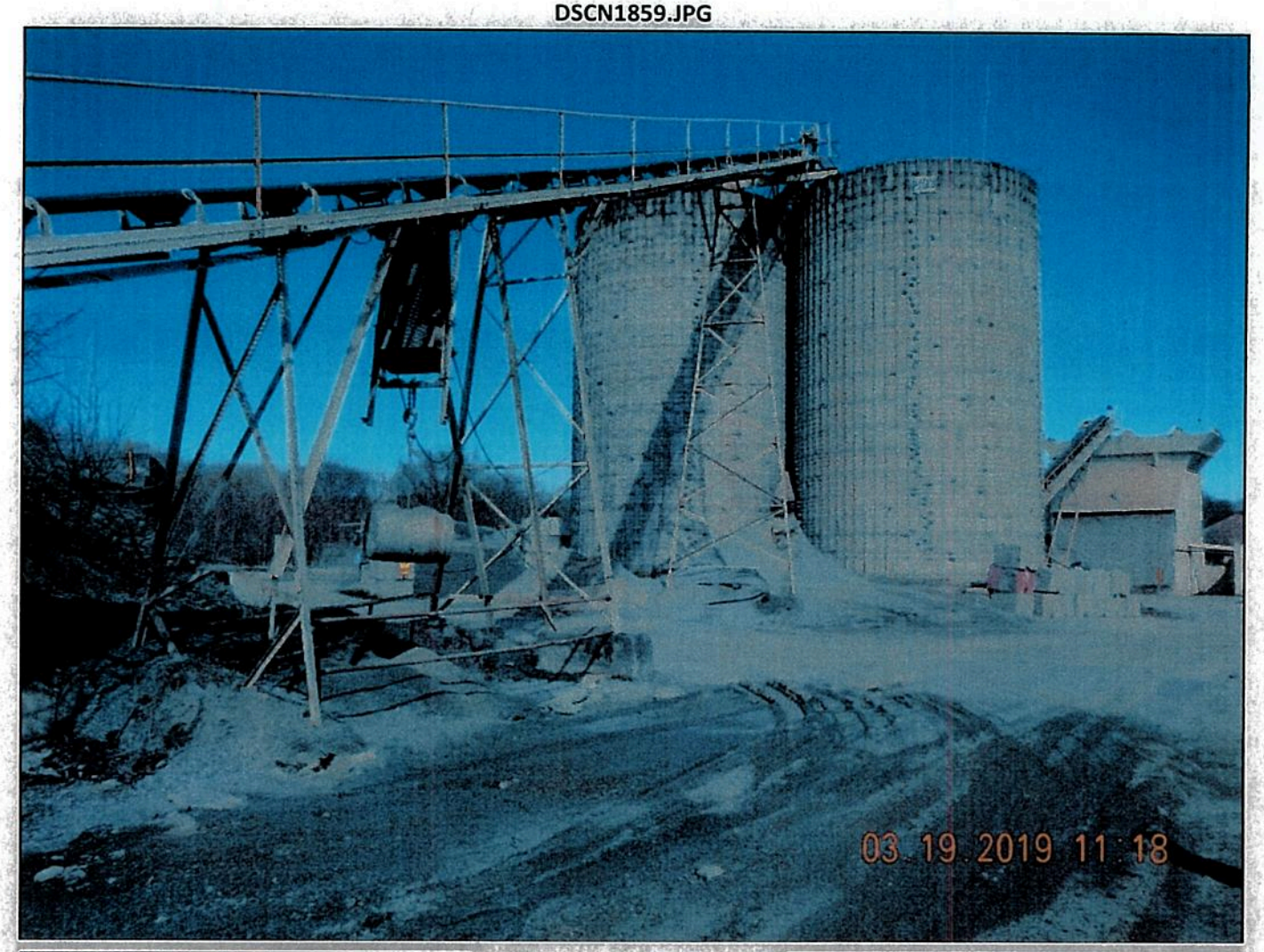


Attributes	
File Name	DSCN1857.JPG
Description	Photograph of the area just down gradient of the removed outfall. The photo shows the concrete blocks used to block off the outfall. The block structure was observed with gaps between the blocks which would still allow for stormwater discharges.
Latitude	N 35° 27' 35.00"
Longitude	W 81° 15' 34.70"

DSCN1858.JPG

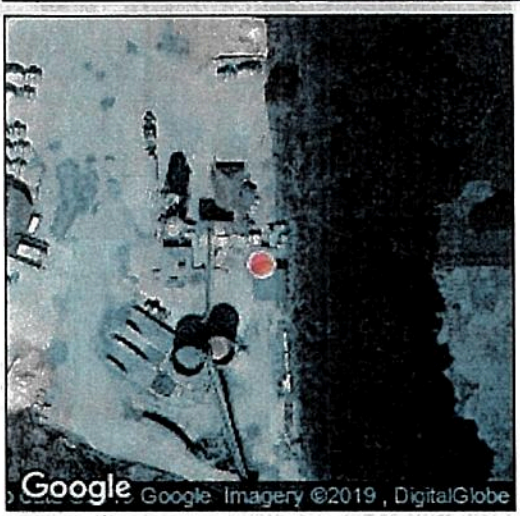
Attributes	
File Name	DSCN1858.JPG
Description	Photograph of the loading hopper to the storage silos. The loading hopper was located near the crest of a hill leading to the stream. Sediment accumulation was observed along the ground in this area which drains towards the stream.
Latitude	N 35° 27' 35.51"
Longitude	W 81° 15' 35.04"

DSCN1859.JPG



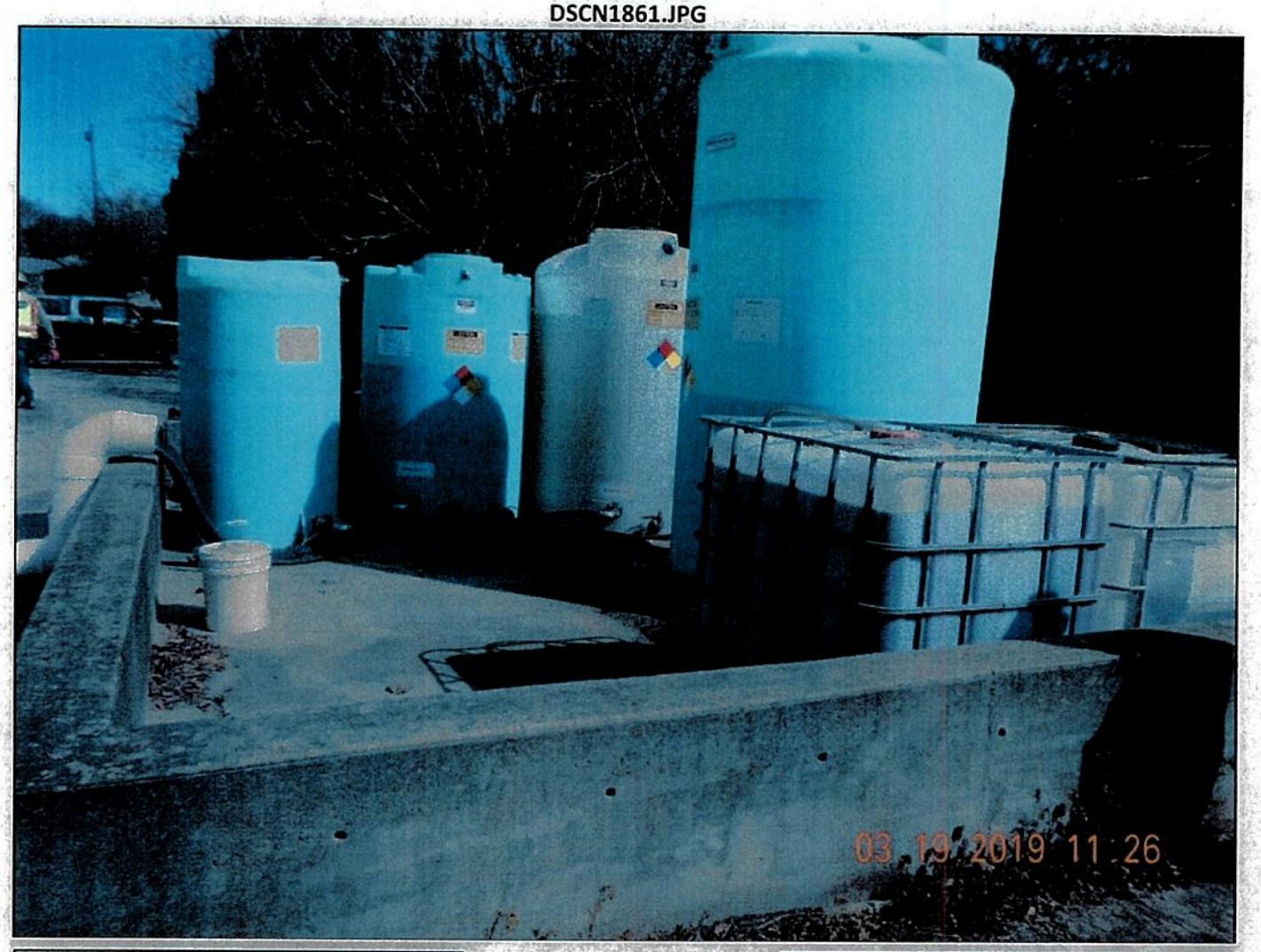
Attributes	
File Name	DSCN1859.JPG
Description	Photograph of the loading conveyor to the storage silos. The loading hopper was located near the crest of a hill leading to the stream. Sediment accumulation was observed along the ground in this area which drains towards the stream.
Latitude	N 35° 27' 35.53"
Longitude	W 81° 15' 35.04"

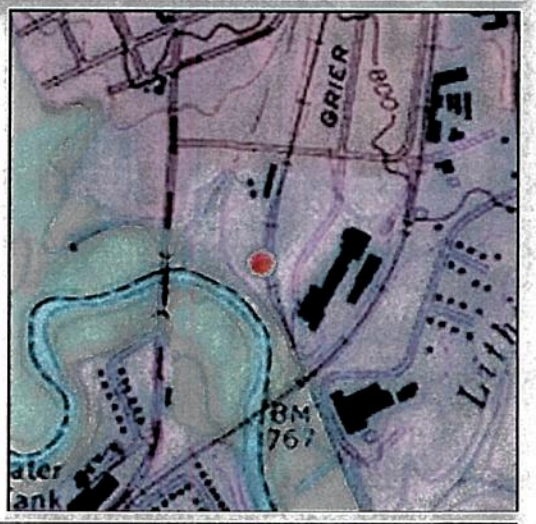
DSCN1860.JPG



Attributes	
File Name	DSCN1860.JPG
Description	Photograph of the covered area used for oil storage. Oil drums were observed on secondary containment structures and underneath cover.
Latitude	N 35° 27' 37.07"
Longitude	W 81° 15' 35.05"

DSCN1861.JPG





Attributes	
File Name	DSCN1861.JPG
Description	Photograph of the outdoor chemical storage area and tanks. The tank area had a secondary containment structure with a release valve. The valve, which was observed with the valve handle removed, was observed closed during the inspection.
Latitude	N 35° 27' 37.18"
Longitude	W 81° 15' 35.04"

DSCN1862.JPG

Attributes	
File Name	DSCN1862.JPG
Description	Photograph of the outdoor chemical storage area and tanks. The tank area had a secondary containment structure with a release valve. The valve, which was observed with the valve handle removed, was observed closed during the inspection.
Latitude	N 35° 27' 37.43"
Longitude	W 81° 15' 34.91"

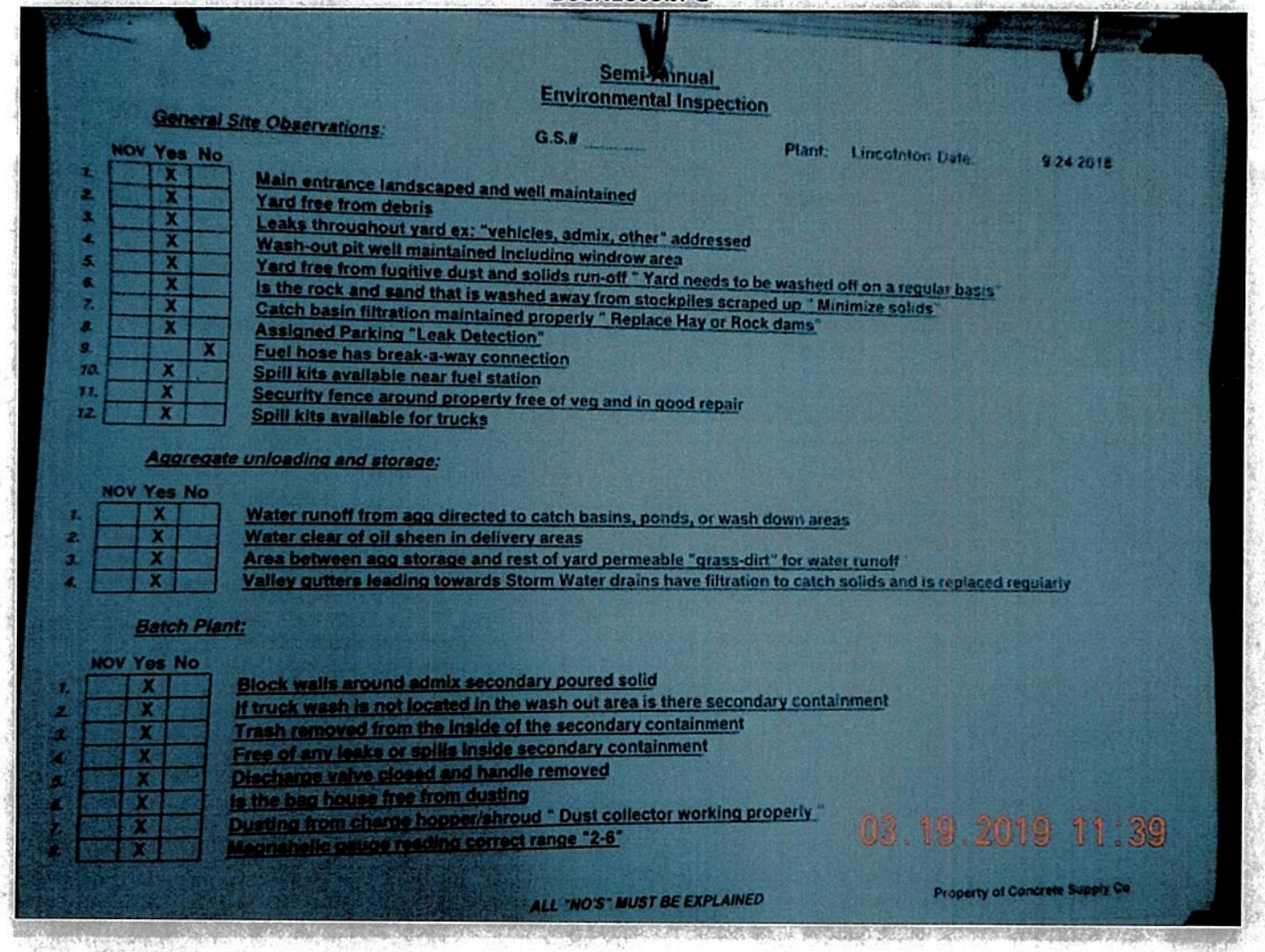
DSCN1863.JPG

Attributes	
File Name	DSCN1863.JPG
Description	Photograph of the truck loading operation.
Latitude	N 35° 27' 37.07"
Longitude	W 81° 15' 36.27"

DSCN1864.JPG

Attributes	
File Name	DSCN1864.JPG
Description	Photograph of the truck loading operation.
Latitude	N 35° 27' 37.76"
Longitude	W 81° 15' 36.42"

DSCN1865.JPG



Semi-Annual
Environmental Inspection

General Site Observations:

G.S.# _____ Plant: Lincolnton Date: 9.24.2018

	NOV	Yes	No	
1.		X		Main entrance landscaped and well maintained
2.		X		Yard free from debris
3.		X		Leaks throughout yard ex: "vehicles, admix, other" addressed
4.		X		Wash-out pit well maintained including windrow area
5.		X		Yard free from fugitive dust and solids run-off " Yard needs to be washed off on a regular basis"
6.		X		Is the rock and sand that is washed away from stockpiles scraped up " Minimize solids"
7.		X		Catch basin filtration maintained properly " Replace Hay or Rock dams"
8.		X		Assigned Parking "Leak Detection"
9.			X	Fuel hose has break-a-way connection
10.		X		Spill kits available near fuel station
11.		X		Security fence around property free of veg and in good repair
12.		X		Spill kits available for trucks

Aggregate unloading and storage:

	NOV	Yes	No	
1.		X		Water runoff from agg directed to catch basins, ponds, or wash down areas
2.		X		Water clear of oil sheen in delivery areas
3.		X		Area between agg storage and rest of yard permeable "grass-dirt" for water runoff
4.		X		Valley gutters leading towards Storm Water drains have filtration to catch solids and is replaced regularly

Batch Plant:

	NOV	Yes	No	
1.		X		Block walls around admix secondary poured solid
2.		X		If truck wash is not located in the wash out area is there secondary containment
3.		X		Trash removed from the inside of the secondary containment
4.		X		Free of any leaks or spills inside secondary containment
5.		X		Discharge valve closed and handle removed
6.		X		Is the bag house free from dusting
7.		X		Dusting from charge hopper/shroud " Dust collector working properly "
8.		X		Magnahelic gauge reading correct range "2-6"

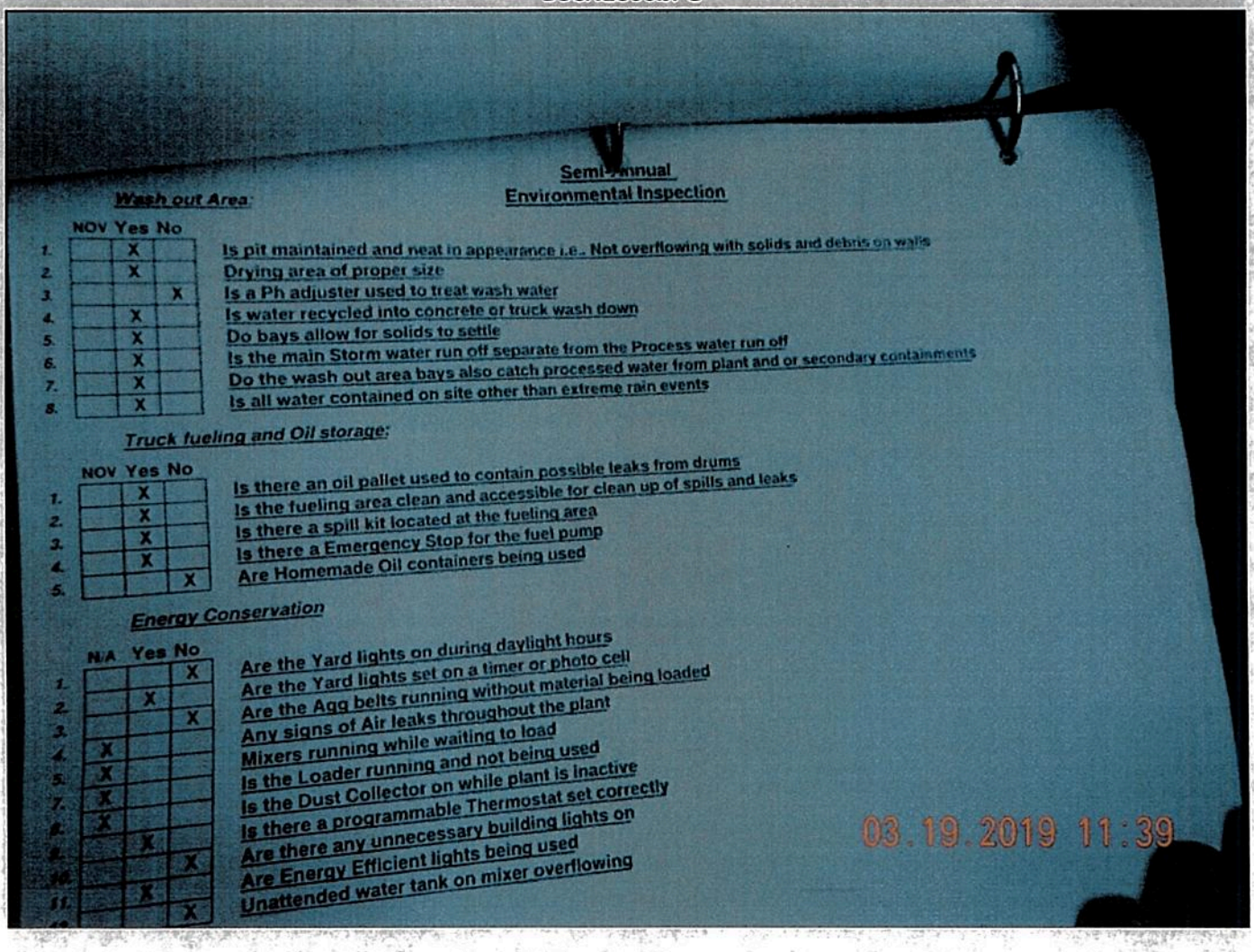
03.19.2019 11:39

ALL "NO'S" MUST BE EXPLAINED

Property of Concrete Supply Co

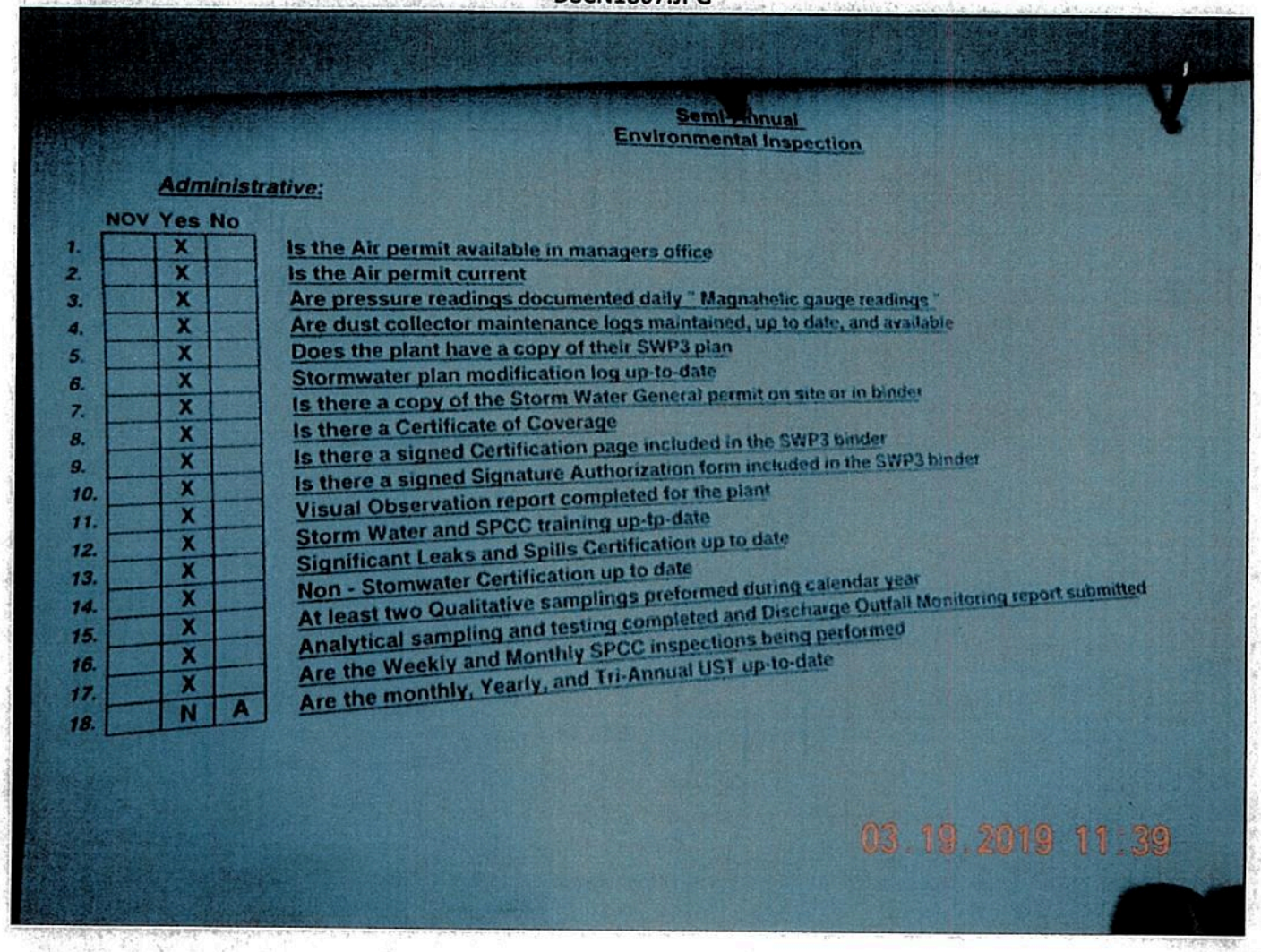
Attributes	
File Name	DSCN1865.JPG
Description	Photograph of the most recent semiannual inspection performed at the facility.
Latitude	
Longitude	

DSCN1866.JPG



Attributes	
File Name	DSCN1866.JPG
Description	Photograph of the most recent semiannual inspection performed at the facility.
Latitude	
Longitude	

DSCN1867.JPG



Attributes	
File Name	DSCN1867.JPG
Description	Photograph of the most recent semiannual inspection performed at the facility.
Latitude	
Longitude	